

88141 to 88146. MEDICAGO SATIVA L.
Fabaceae. Alfalfa.

From Madrid, Spain. Seeds presented by J. H. Ford, through J. Sidney Cates. Received May 13, 1930.

Señor Antonio Estaban de Faura, at the seed station of the Madrid Agricultural Station, says that the two alfalfas, *Aragon* and *Totona*, do not resist the parasite "cuscuta"; the *Mielga rustica* may resist better, but is mainly a wild growth and is not cultivated because it gives a smaller yield.

88141 to 88143. Purchased from Robustiano Diez Obeso.

88141. *Aragon*.

88142. *Mielga rustica*.

88143. *Totona*.

88144 to 88146. Purchased from J. Viev Sallettes.

88144. *Aragon*.

88145. *Mielga rustica*.

88146. *Totona*.

88147 to 88164.

From Victoria, Cameroon, Africa. Seeds presented by T. D. Maitland, Superintendent, Botanic Gardens. Received May 15, 1930.

88147. ACACIA SENEGAL (L.) Willd. Mimosaceae.

A tree widely distributed in tropical Africa and cultivated in India. It has pinnate leaves and long, dense, clublike racemes of tiny flowers bristling with long stamens. This plant yields the true gum arabic of commerce.

For previous introduction see No. 48064.

88148. CAJANUS INDICUS Spreng. Fabaceae. Pigeon pea.

An erect shrublike plant 4 to 6 feet high, which may prove useful in improving the soil and also as a fodder plant.

For previous introduction see No. 80167.

88149. CASSIA SOPHERA L. Caesalpinia-ceae.

A cosmopolitan tropical shrub 3 to 5 feet high with pinnately compound leaves made up of five to nine pairs of obliquely lanceolate leaflets and axillary and terminal racemes of yellow flowers.

88150. CRACCA VILLOSA PURPUREA (L.) Kuntze (*Tephrosia purpurea* Pers.). Fabaceae.

A purple-flowered, herbaceous perennial of low, spreading habit which is native to tropical Africa. The plant is useful as a cover crop and also as a green manure.

For previous introduction see No. 67966.

88151. CROTALARIA RETUSA L. Fabaceae.

An annual plant, a foot or more high, distributed throughout the Tropics of both hemispheres. The flowers, yellow streaked with purple, are in terminal racemes. For use as a cover crop.

For previous introduction see No. 64061.

88152. DIOCLEA REFLEXA Hook. f. Fabaceae.

88147 to 88164—Continued.

An ornamental, woody, climbing plant, up to 20 feet in length, with compound leaves composed of three thickish leaflets, and rather dense racemes, 4 to 6 inches long, of red flowers. The broad-oblong, leathery pod, 3 to 4 inches long, is densely covered with yellowish-gray silky hairs.

For previous introduction see No. 45619.

88153. DOLICHOS LABLAB L. Fabaceae. Hyacinth-bean.

A very dark-brown seeded variety of bush bean. It is said to be used as green beans, boiled in the pod, and also used when dried.

For previous introduction see No. 80509.

88154. GOSSYPIUM BARBADENSE L. Malvaceae. Sea-island cotton.

88155. INDIGOFERA GALEGOIDES DC. Fabaceae. Indigo.

A tall shrub with twiggy branches, compound leaves a foot long made up of 11 to 25 oblong, membranaceous leaflets 2 inches long, and short, dense racemes of pale-red flowers. It is native to southeastern Asia.

88156. LEUCAENA GLAUCA (L.) Benth. Mimosaceae.

A shrub or tree up to 30 feet high with a smooth trunk, bipinnate leaves made up of four to eight pinnae bearing 10 to 20 pairs of narrowly lanceolate leaflets half an inch long, and globular heads of small, white flowers. The young branches are used as forage.

For previous introduction see No. 42539.

88157. MIMOSA PUDICA L. Mimosaceae. Sensitiveplant.

The well-known sensitiveplant of the Tropics, which is to be tested as green manure.

88158. MONODORA MYRISTICA (Gaertn.) Dunal. Annonaceae. Calabash nutmeg.

A handsome tropical evergreen tree bearing an abundance of large, fragrant, yellow and white flowers. These are followed by large fruits containing many oily seeds which are aromatic and used as a condiment by the natives of West Africa.

For previous introduction see No. 75281.

88159. MORINDA CITRIFOLIA L. Rubiaceae. India-mulberry.

An ornamental tropical shrub with large, white, juicy fruits.

For previous introduction see No. 73017.

88160. MUCUNA URENS Medic. Fabaceae.

A wide-climbing, woody vine with trifoliate leaves of ovate-oblong, papery leaflets 3 to 5 inches long and dense heads of sulphur-yellow flowers 2 inches across. It is native to Brazil and is distributed generally throughout the Tropics.

88161. OCHROCARPOS AFRICANUS Oliver. Clusiaceae.

A tropical tree up to 50 feet high with elliptic-oblong, coriaceous leaves 6 to 10